

Title (en)
REPULPABLE, PRESSURE-SENSITIVE ADHESIVE COMPOSITION AND METHOD FOR IMPROVING THE REPULPABILITY OF ACRYLIC ADHESIVE

Title (de)
AUFARBEITBARE DRUCKEMPFFINDLICHE KLEBMITTELZUSAMMENSETZUNG UND VERFAHREN, UM EIN ACRYLKLEBMITTEL BESSER AUFARBEITBAR ZU MACHEN

Title (fr)
COMPOSITION ADHESIVE AUTOCOLLANTE FAITE POUR LA RETRITURATION ET PROCEDE D'AMELIORATION DE LA RETRITURATION D'UN ADHESIF ACRYLIQUE

Publication
EP 1023419 B1 20030409 (EN)

Application
EP 98953302 A 19981008

Priority
• US 9821174 W 19981008
• US 94793097 A 19971009

Abstract (en)
[origin: WO9919415A2] Repulpable PSA compositions and construction that exhibit high adhesive performance on a wide range of substrates are provided. In one embodiment, a PSA composition comprises a blend of two emulsion acrylic copolymers. The first type is a repulpable, emulsion acrylic copolymer that passes TAPPI UM 213. Preferably, the copolymer is prepared by sequential polymerization. The second type of copolymer is a non-repulpable, gpp or removable, repositionable, emulsion acrylic copolymer, also preferably prepared by sequential polymerization. The PSA compositions are inherently tacky and can be used in labels and tapes. In addition, they can be added to other PSAs as external tackifiers.

IPC 1-7
C09J 133/08; C09J 151/00; C09J 7/02; B32B 7/12

IPC 8 full level
B32B 7/12 (2006.01); **C08F 265/04** (2006.01); **C08F 265/06** (2006.01); **C09J 7/02** (2006.01); **C09J 133/08** (2006.01); **C09J 151/00** (2006.01); **C08L 51/00** (2006.01)

CPC (source: EP KR US)
C08F 265/04 (2013.01 - EP US); **C08F 265/06** (2013.01 - EP KR US); **C09J 7/20** (2017.12 - KR); **C09J 7/38** (2017.12 - KR); **C09J 7/40** (2017.12 - KR); **C09J 11/06** (2013.01 - KR); **C09J 133/08** (2013.01 - EP US); **C09J 133/10** (2013.01 - KR); **C09J 151/003** (2013.01 - EP US); **C08L 51/00** (2013.01 - EP US); **C08L 2666/02** (2013.01 - EP US); **C08L 2666/24** (2013.01 - EP US); **Y02P 20/582** (2015.11 - EP US)

Cited by
US11879081B2

Designated contracting state (EPC)
CH DE FI FR GB IT LI LU NL

DOCDB simple family (publication)
WO 9919415 A2 19990422; **WO 9919415 A3 19990729**; AU 1070999 A 19990503; AU 736435 B2 20010726; BR 9812904 A 20000808; CA 2303854 A1 19990422; CN 1274382 A 20001122; DE 69813272 D1 20030515; DE 69813272 T2 20031218; EP 1023419 A2 20000802; EP 1023419 B1 20030409; JP 2001520254 A 20011030; KR 20010030999 A 20010416; US 6136903 A 20001024

DOCDB simple family (application)
US 9821174 W 19981008; AU 1070999 A 19981008; BR 9812904 A 19981008; CA 2303854 A 19981008; CN 98809978 A 19981008; DE 69813272 T 19981008; EP 98953302 A 19981008; JP 2000515977 A 19981008; KR 20007003785 A 20000407; US 94793097 A 19971009